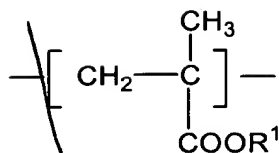
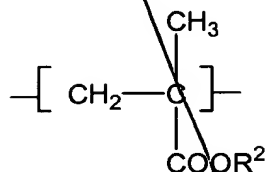


(b)



wherein R¹ denotes an alkyl group having 4 to 18 carbon atoms;

(c)



wherein R² denotes an alkyl group having 1 to 3 carbon atoms; and

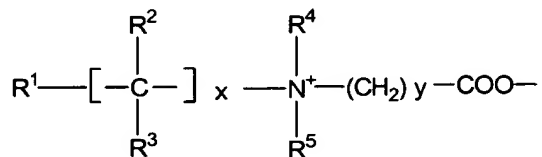
(d) mixtures thereof.

5. (Amended) The hair styling composition according to Claim 4, wherein said amphoteric polymer comprises, relative to the total weight of said polymer:

- (a) from about 25% to about 45% by weight, of units designated "a";
- (b) from about 5% to about 65% by weight, of units designated "b";
- (c) and from about 0% to about 50% by weight, of units "c".

6. (Amended) The hair styling composition according to Claim 5, wherein said amphoteric polymer has an average molecular weight from about 70,000 to about 90,000.

7. (Amended) The hair styling composition according to Claim 1, wherein said amphoteric polymer comprises zwitterionic units which conform to the following formula:



wherein R^1 denotes a polymerizable unsaturated group, selected from the group consisting of acrylate, methacrylate, acrylamide and methacrylamide;

wherein x and y independently denote an integer from 1 to 3;

wherein R^2 and R^3 independently denote hydrogen, methyl, ethyl or propyl;

and wherein R^4 and R^5 independently denote a hydrogen atom or an alkyl radical wherein the sum of the carbon atoms in R^4 and R^5 does not exceed 10.

8. (Amended) The hair styling composition according to Claim 1, wherein said anionic polymer is selected from the group consisting of homopolymers of acrylic acid, homopolymers of methacrylic acid, copolymer of acrylic acid, copolymers of methacrylic acid, and salts thereof.

9. (Amended) The hair styling composition according to Claim 1, wherein said cationic polymer is selected from the group consisting of dimethyldiallylammonium chloride homopolymer, dimethyldiallylammonium chloride/acrylamide copolymer, and mixtures thereof.

10. (Amended) The hair styling composition according to Claim 1, wherein said cationic polymer is selected from the group consisting of quaternium-37, quaternium-38,

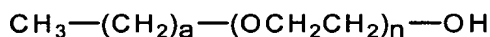
quaternium-42, quaternium-49; and mixtures thereof.

11. (Amended) The hair styling composition according to Claim 1, wherein said cationic polymer is polyquaternium-4.

12. (Amended) The hair styling composition according to Claim 1, wherein said solvent is selected from the group consisting of water, C₁ to C₆ alcohols, propylene glycol, hexylene glycol, glycerin, propane-diol, and mixtures thereof.

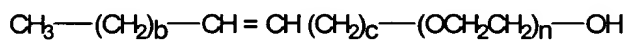
13. (Amended) The hair styling composition according to Claim 1, further comprising a non-ionic surfactant selected from the group consisting of:

- (a) Polyoxyethylene alkyl ethers of alkyl alcohols having the following structure:



wherein a has an average value of from 9 to 21; and n has an average value from 2 to 200;

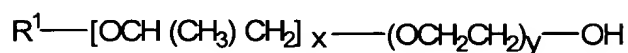
- (b) Polyoxyethylene alkenyl ethers having the following structure:



wherein b has an average from 1 to 10; c has an average value from 1 to 10; and

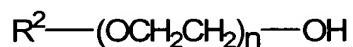
n has an average value from 2 to 200;

- (c) Polyoxypropylene polyoxyethylene alkyl or alkenyl or iso-alkyl or iso-alkenyl or dimethylpolysiloxane ether having the following structure:




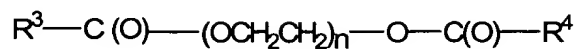
wherein R^1 is selected from the group consisting of alkyl, alkenyl, iso-alkyl, alkenyl, and dimethylpolysiloxane derivatives; x has an average value from 2 to 100; and y has an average value from 2 to 100;

- (d) Polyoxyethylene long chain alkyl fatty acid or benzene derivative ethers having the following structure:



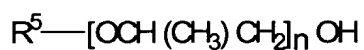
wherein R^2 is selected from the group consisting of castor oil triglyceride, castorate, cholesterol, coconut oil triglyceride, cocoate, alkyl phenol, glyceryl laurate, glyceryl oleate, glyceryl cocoate, glyceryl isostearate, glyceryl stearate, hydrogenated castor oil triglyceride, hydrogenated castorate, hydrogenated lanolin, nonyl phenyl and dimethylpolysiloxane derivatives; and wherein n has an average value from 2 to 200;

- (e) Polyoxyethylene alkyl, or alkenyl ethers having the following structure:



wherein R^3 and R^4 are independently selected from the group consisting of alkyl, iso-alkyl, and alkenyl; and n has an average value from 2 to 200;

- (f) Polyoxypropylene alkyl, iso-alkenyl or long chain fatty acid ethers having the following structure:



wherein R^5 is selected from the group consisting of alkyl, iso-alkyl and alkenyl; and n has an average value of 2 to 200; and

- (g) mixtures thereof.